Learning Log

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Technical

- Connect to, and disconnect from, a database

- Passing commands to a database through R

- Determining what tables are present in a database and how many there are

- Determining the dimensions of a table: columns and rows

- Extracting or subsetting data from the tables

Other

- If experiencing problems with install.packages(), try running in the console window or manually installing under the Packages tab

- To show code in a markdown file but NOT results as a default: knitr::opts_chunk$set(echo = T, results = "hide")

- Individual code chunks can be modified to show results if needed: {r analysis, results="markup"}

- Sometimes warnings or error messages appear that do not affect the code. These may be "hidden" in the markdown file by using: knitr::opts_chunk$set(warning = FALSE, message = FALSE)

- To hide warnings in individual code chunks: suppressWarnings(expr, class="warning"), where expr is the statement for which you want to hide warnings

- For error messages prompting to "close resultset", try dbClearResult() following a dbGetQuery or dbSendQuery command

Some useful chunk options

- eval = TRUE or FALSE : whether to evaluate a code chunk
- echo = TRUE or FALSE : whether to include the code in the output document
- results = "hide", "markup" : whether to include code results in the output document
- warning = TRUE or FALSE message = TRUE or FALSE error = TRUE or FALSE : whether to display warnings, messages, and errors
- include = TRUE or FALSE : whether to display whole code chunk in output document include = FALSE can replace(echo=FALSE, results="hide", warning=FALSE, message=FALSE)